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Genesys Voice Platform

conference Section

5/11/2025

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active_speaker_update_time

Default Value: 2000

Valid Values: conference.active_speaker_update_time must be a non-negative integer and less than or equal to the maximum integer as defined by the Genesys Administrator Help.

Changes Take Effect: At start/restart

The conference active speaker is updated periodically to the currently loudest input. The input with the highest average audio level during the update period is selected as the loudest. This parameter sets the time period (in msec) for this function. The default value is 2000.

callrec_default_type

Default Value:

Valid Values: Please specify a valid audio codec.

Changes Take Effect: Immediately/session

The default recording type for MSML conference recording. Example formats: audio/wav, audio/wav;codec=ulaw, audio/mp3 . If left empty, the MCP will use wave file with the default platform codec.

confdir

Default Value: 2

Valid Values: Choose between: 0, 1 or 2

Changes Take Effect: At start/restart

Default conference direction of the participant. 0 - Talk only 1 - Listen only 2 - Duplex

gain_control_enabled

Default Value: true

Valid Values: Choose between: true or false

Changes Take Effect: At start/restart

When gain control is enabled, various configurations used to set gain levels will be respected fully. When gain control is disabled, gains of 0 will result in muted streams, while gains greater than 0, will result in streams that remain at their current level.

highest_input

Default Value: 3

Valid Values: The number must be a non-negative integer and less than or equal to the maximum integer as defined by the Genesys Administrator Help.

Changes Take Effect: At start/restart

This value will determined the number of highest inputs used for mixing output. If 0 is set, all inputs will be used. This parameter applies to both MSML and NETANN conferences. However, if MSML defines its own highest-input value through 'n-loudest' parameter, it will replace your set value in conference.highest_input parameter.

initial_gain

Default Value: 0

Valid Values: The number must be a non-negative integer and less than or equal to the maximum integer as defined by the Genesys Administrator Help.

Changes Take Effect: At start/restart

Gain in db when talking to the conference.

novideoimage

Default Value: Genesys_Logo.jpg

Valid Values: Please specify a valid path to an image file, check description for further details.

Changes Take Effect: Immediately/session

Specifies the jpeg file to use for the image to be displayed in video mixed conferences for participants that do not provide video input. Setting this parameter to blank will disable the no video image feature. This parameter is only active when the conference.video_output_type parameter is set to "mixed".

The file must be in the installation root video directory or a sub-directory of this.

A directory can be specified (for example "images/filename.jpg"), and the path will be taken relative to the installation root video directory."

record_chan1source

Default Value: recorddnsays

Valid Values: Choose between: recorddnsays or otherdnhears

Changes Take Effect: Immediately/session

Specifies the source to use for Call Recording channel 1. Setting this to recorddnsays selects the audio input of the record dn (or the first conference participant), setting to otherdnhears selects the conference audio output of the other dn (or second conference participant). The primary purpose is to control whether the repeating conference tone is included in the recorded audio of the record dn. If set to recorddnsays the tone will not be recorded, setting to otherdnhears will cause the tone to be recorded. The default value is recorddnsays.

record_chan2source

Default Value: otherdnsays

Valid Values: Choose between: otherdnsays or recorddnhears

Changes Take Effect: Immediately/session

Specifies the source to use for Call Recording channel 2. Setting this to otherdnsays selects the audio input of the other dn (or the second conference participant), setting to recorddnhears selects the conference audio output of the record dn (or the first conference participant). The primary purpose is to control whether the repeating conference tone is included in the recorded audio of the other dn. If set to otherdnsays the tone will not be recorded, setting to recorddnhears will cause the tone to be recorded. The default value is otherdnsays.

record_otherdnhearstone

Default Value: 1

Valid Values: Choose between: 0 or 1

Changes Take Effect: Immediately/session

Specifies whether the other dn (or the second conference participant), hears the repeating tone that indicates the call is being recorded. The default value is Yes.

record_recorddnhearstone

Default Value: 1

Valid Values: Choose between: 0 or 1

Changes Take Effect: Immediately/session

Specifies whether the record dn (or the first conference participant), hears the repeating tone that indicates the call is being recorded. The default value is Yes.

silence_fill

Default Value: 0

Valid Values: Choose between: 0 or 1

Changes Take Effect: At start/restart

Whether to silence fill the output when no data.

suppress_silence

Default Value: 0

Valid Values: Choose between: 0 or 1

Changes Take Effect: At start/restart

Whether to suppress silence on input.

threadedoutputs

Default Value: false

Valid Values: Choose between: true or false

Changes Take Effect: At start/restart

Enable threaded transcoding to conference outputs. Enabling this option can result in conferences that make better use of the available processors on a system.

video_mixer_layouts

Default Value: 1,dual-view|3,quad-view|5,multiple-5x1|6,multiple-3x3|10,multiple-4x4

Valid Values: A list of layouts separated by "|". Please check parameter description for more details.

Changes Take Effect: Immediately/session

Specifies the layouts that will be used by the conference video mixer when the layouts to use are not specified by the application. This parameter is only active when the conference.video_output_type

parameter is set to "mixed".

This parameter has the following format:

n1,layout1|n2,layout2|n3,layout3...

where each "n,layout" pair, "layout" specifies the layout name to use when the number of conference participants is greater than or equal to "n" and less than the "n" value of any other pair.

The following layouts as described in IETF document "draft-ietf-mediactrl-mixer-control-package" are supported:

single-view: displays the video from one participant

dual-view: displays two participants horizontally arranged

dual-view-crop: same as dual-view but video streams are cropped so as to fully fill the frame

dual-view-2x1: displays participants vertically arranged

dual-view-2x1-crop: same as dual-view-2x1 but video streams are cropped so as to fully fill the frame

quad-view: displays four participants in a 2x2 grid

multiple-5x1: displays five participants arranged along the right side and bottom, with the current active speaker displayed in a larger frame at the top left

multiple-3x3: displays 9 participants in a 3x3 grid

multiple-4x4: displays 16 participants in a 4x4 grid

For example: "1,dual-view|3,multiple-5x1", would select the dual-view layout when the number of participants is less than 3, and the multiple-5x1 layout for 3 or more participants.

If this parameter is not included or set to "", the following default value will be used:

1,dual-view|3,quad-view|5,multiple-5x1|6,multiple-3x3|10,multiple-4x4

video_output_algorithm

Default Value: confrole

Valid Values: Choose between: confrole, fixed, loudest or none

Changes Take Effect: At start/restart

Specifies how the conference chooses the video output. Note if "Select the first conference participant" is selected, the first participant should provide video input. Otherwise no video will be seen for the conference. This parameter is active only when conference.video_output_type is set to single. confrole - Select video feeds by participants' conference roles. fixed - Select the first conference participant. loudest - Select the loudest participant. none - Disable video.

video_output_type

Default Value: single

Valid Values: Choose between: single or mixed

Changes Take Effect: Immediately/session

Specifies the type of video output for conferences. If set to "single", a single stream output is

enabled, where the video stream from one conference participant is sent to each conference participant. If set to "mixed", a video mixed output is enabled, where the video streams from multiple conference participants are combined into one frame and sent to each participant.

Note, if this parameter is set to "mixed" the `conference.video_output_algorithm` configuration parameter will not be used. Similarly, the control of `video_output_algorithm` by the application will be ignored.